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	PL	4,497,796	02	/1985	SALSER					\triangle	
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- F	PS	4,764,381	08	/1988	BODOR						
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ı	PU	4,834,985		/1989	ELGER				1		
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		4,877,612		/1989	BERGER			- 			
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	RA	5,166,320		11/19	92	WU										_/
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	SL	5,534,260		07/19	96	PETERS	EN								
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1	СВ	GLENN "Murine Lett 47 (1995) 7	e IgG subo	lass ar	tibodies to	antige	ens incorpo	orate	ed in lipo	somes	s cont	aining lipid A	a" Immunol
1	СС	GLENN "Skin ir		on mad	e possible l	y cho	olera toxin'	' Nat	ure 391	(1998) 851		
	CD	GLENN "Transochallenge" J Im					era toxin pi	rotec	cts mice	agains	st leth	al mucosal t	oxin
	CE	GLENN "Transe adjuvants" Infec	cutaneous	immur	iization with	bacte	erial ADP-r	ribos	ylating e	xotox	ins as	antigens an	d
	CF	GLENN "Trans					n Invest Dr	ugs	8 (1999	797-8	805		<u> </u>
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	СН	GLENN "Trans (2000) 1403-14		immur	nization: A h	uman	vaccine d	lelive	ery strate	egy us	ing a _l	patch" Natur ————	e Med 6
	CI	GLENN "Trans											
	CJ	GLENN "Trans pp. 292-304											ıne 2001)
	СК		hance en	counter	s and orgar	nized i	rendezvou	s" In	nmunol l	Rev 15	56 (19	97) 5-10	
	CL	GUPTA "Adjuva 1263-1276											
	СМ	Delivery Rev 43	3 (2000) 4	5-55									
	CN	HAMMOND "Ta (2001) 2701-27		eous im	munization	T ce	II response	es ar	nd boost	ing of	existir	ng immunity'	' Vaccine 19
	СО	HANSON "Intro Plenum (1992)			ation of pro	tein p	harmaceut	ticals	s" In: <i>Sta</i>	bility (of Pro	tein Pharma	ceuticals,
182	CP	HOELZLE "Inco			ion of treha	lose i	n rhizobia	cultu	ıred und	er 1%	oxyge	en" Appl Env	viron
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- XXV	DB	IIZUKA "Two sin	nole m	ethod	s for t	he evaluat	ion o	f topically	activ	ve anti-in	flamm	atory	steroidal oin	tments"
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		(LDH) by dispers	sion int	o sug	ar ma	itrices" Pha	arm F	(es 12 (19	720	730				
	DD	JOHNSON "Vac KAHAN "Immun									53-56	 i0		
 	DE DF	KAHAN "Immun KNOP "Cellular	osuppi and m	decu	ar me	chanisms	in the	induction	pha	ase of co	ntact s	sensit	ivity" Intl Arc	h Allergy
\		Immunol 107 (19	995) 23	31-23	2									
	DG	KORTING "Topi	cal lipo	some	e drug	s to come:	wha	t the pater	nt lite	erature te	ells us	" J An	n Acad Derm	atol 25
		(1991) 1068-107	71					<u> </u>				" D:	. I Dormatol	132 (1005)
	DH	KORTING "Inter 571-579	action	of lip	osome	es with hur	nan e	epidermis i	recc	nstructed	ווע חו ב	ום טו	J Demiator	132 (1993)
	Di	KOSECKA "Per	tussis t	oxin :	stimul	ates hyper	sensi	tivity and	enha	ances ne	rve-m	ediate	ed antigen up	take in rat
		lintestines" Am J	Physic	ol 267	' (1994	4) G745 <u>-G</u>	752_							
	DJ	LANE "In vitro-e	valuati	on of	huma	n lymphoc	yte fu	inction" In	: Ha	ndbook d	of Exp	erime	ntal Immuno	logy 4 ^m Ed.,
	-	vol. 2, Blackwell					D:		0 (2	000) 33 1	27			
	DK	LUO "Synthetic	DNA d	eliver	y syst	ems" Natu	re Bio	otecnnol 1	8 (2 pd i	.000) 33-	gical (challe	nges" Scienc	e 246
	DL	MAHMOUD "Pa (1989) 1015-102		proto	zoa ai	na neiminu	11S. DI	lological a	IIU II	minunoio	gicai	Jilalie	nges ociene	
	ДМ	MARINARO "MI		effec	t of ch	olera toxin	in m	ice results	fro	m inducti	on of	T help	per 2 (Th2) c	ells and IL-
		4" J Immunol 15	55 (199	5) 46	21-46	29								
	DN	MENGIARDI "V	irosom	es as	carrie	ers for com	bine	d vaccines	<u>" Va</u>	accine 13	(199	5) 130	06-1315	·
	DO	MEZEI "Liposon					ry sy:	stem for th	ie to	opical rou	te of a	admin	istration. Lot	ion dosage
	DP	form" Life Sci 26 MOGHIMI "Curr	ont pro	0) 147	3-14/ e and	future pros	enect	s of linoso	mes	s in derm	al drue	a deliv	verv" J Micro	encapsul 10
1 1		(1993) 155-162	ent pro	.g.es	3 and	iuture proc	эрсон							•
050	DQ	NORIMATSU "E	ffects	of alu	ıminuı	n adjuvant	on s	ystemic re	eacti	ions of lip	opoly	sacch	arides in sw	ine" Vaccine
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184		EA	PAUL "Transder Immunol 25 (19				with large	prote	ins by me	ans	of ultrad	leform	able d	irug	carriers"	Eur J
		EB	PAUL "Noninvasive administration of protein antigens: Transdermal immunization with bovine serum albumin in transferosomes" Vaccine Res 4 (1995) 145-164													
1		EC	PETERS "Dendritic cells: From ontogenetic orphans to myelo-monocytic descendants" Immunol Today 17													
Ŋ		ED	(1996) 273-278 POWERS "In previously immunized elderly adults inactivated influenza A (H1N1) virus vaccines induce poor												nduce poor	
		EE.	antibody responses that are not enhanced by liposome adjuvant" Vaccine 13 (1995) 1330-1335 RANADE "Drug delivery systems. 6. Transdermal drug delivery" J Clin Pharmacol 31 (1991) 401-418													
	H	EF	RANADE "Drug delivery systems. 6. Transdermal drug delivery. 3 Clin Pharmacol 31 (1991) 401-416 RAO "Intracellular processing of liposome-encapsulated antigens by macrophages depends upon the antigen" Infect Immun 63 (1995) 2396-2402													
		EG	SANCHEZ "Form	mulatio	n stra	tegies	for the sta		ation of tet	anu	s toxoid	in poly	(lactio	de-c	o-glycolic	le)
		EH	microspheres" Intl J Pharm 185 (1999) 255-266 SAUZET "Long-lasting anti-viral cytotoxic T lymphocytes induced in vivo with chimeric-multirestricted													
		EI	lipopeptides" Vaccine 13 (1995) 1339-1345 SCHAEFER-KORTING "Liposome preparations: A step forward in topical drug therapy for skin disease?" J													
		EJ	Am Acad Dermatol 21 (1989) 1271-1275 SCHARTON-KERSTEN "Principles of transcutaneous immunization using cholera toxin as an adjuvant" Vessing 17 curps 2 (1999) 527-543													
		EK	Vaccine 17 suppl 2 (1999) S37-S43 SCHARTON-KERSTEN "Transcutaneous immunization with bacterial ADP-ribosylating exotoxins, subunits, and unrelated adjuvants" Infect Immun 68 (2000) 5306-5313													
1		EL.	SCHMITT "Bacterial toxins: Friends or foes" Emerging Infect Dis 5 (1999) 224-234													
			SCHWARZENBERGER "Contact allergens and epidermal proinflammatory cytokines modulate Langerhans													
		_,*.	cell E-cadherin expression in situ" J Invest Dermatol 106 (1996) 553-558													
		EN	SEO "Percutaneous peptide immunization via corneum barrier-disrupted murine skin for experimental tumor immunoprophylaxis" Proc Natl Acad Sci USA 97 (2000) 371-376													
EO SMALL, In: Handbook of Lipid Research, Plenum, 4:4									4:43-87 a	and	89-96					
XXZ		EΡ	STACEY "Macro	ophage	es inge	est an	d are activ	ated I	oy bacteria	al D	NA" J Im	muno	157 ((199	6) 2116-	2122
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)															
189/	F												ev 15	6 (1997) 25-	37
1380	FA STEINMAN "Dendritic cells in the T-cell areas of lymphoid organs" Immunol Rev 156 (1997) 25-37 FB STINGL "The immune functions of epidermal cells" Immunol Ser 46 (1989) 3-72														
	F	$\overline{}$								-				perhans cells	s" J Invest
1	FC SUZUKI "Imiquimod, a topical immune response modifier, induces migration of Langerhans cells" J Investigation of Langerhans cells J Inv												-		
	FI	D	UDEY "Cadherins and Langerhans cell immunobiology" Clin Exp Immunol 107 suppl 1 (1997) 6-8												8
	F	E	VASSELL "Activation of Langerhans cells following transcutaneous immunization" 13 FASEB J (1999) A633												
	FI		VERMA "Phagod					ophag	ges: intrac	ellu	lar fate o	f lipos	omal	malaria anti	gen"
	_		Biochim Biophys Acta 1066 (1991) 229-238												
	F		VERMA "Adjuvant effects of liposomes containing lipid A: enhancement of liposomal antigen presentation and recruitment of macrophages" Infect Immun 60 (1992) 2438-2444												
	FI	н	VUTLA "Transdermal iontophoretic delivery of enkephalin formulated in liposomes" J Pharm Sci 85 (1996)												
	FI		5-8 WALKER "The role of percutaneous penetration enhancers" Adv Drug Delivery Rev 18 (1996) 295-301											95-301	
	F	_													
			WANG "Induction of protective polyclonal antibodies by immunization with a Plasmodium yoelii circumsporozite protein multiple antigen peptide vaccine" J Immunol 154 (1995) 2784-2793												
	FI	ĸ	WANG "Epicutaneous exposure of protein antigen induces a predominant Th2-like response with high IgE												
		_	production in mice" J Immunol 156 (1996) 4077-4082												
	FI	-+	WASSEF "Lipos												
	Ff		WEINER "Topical delivery of liposomally encapsulated interferon evaluated in a cutaneous herpes guinea pig model" Antimicrob Agents Chemotherap 33 (1989) 1217-1221												
	FI		WHITE "Induction									falcip	arum	repeatless	.
			circumsporozoite	prote	in end	apsula	ated in lipo	some	s" Vaccin	e 1	1 (1993)	1341-	1346		
	F		WHITE "Antibody and cytotoxic T-lymphocyte responses to a single liposome associated peptide antigen" Vaccine 13 (1995) 1111-1122												
FP YASUTOMI "A vaccine-elicited, single viral epitope-specific cytotoxic T lymphocyte response does not												es not			
protect against intravenous, cell-free simian immunodeficiency virus chall															
FQ ZELLMER "Interaction of phosphatidylcholine liposomes with the human stratum corneum" Bioch Acta 1237 (1995) 176-182										nim Biophys					
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